

# COOPERATIVE GROUND WATER INVESTIGATION

UNITED STATES GEOLOGICAL SURVEY

NEW YORK WATER POWER AND CONTROL COMMISSION

PLATE I

## EXPLANATION

SPRINGS	WELLS	AQUIFER
● 2 Sp	● 24 154	UNCONSOLIDATED ROCK
	⊕ 197 73R	SHALE
⊙ 6 Sp	⊙ 28 23R	LIMESTONE
	⊖ 110 10R	SANDSTONE
⊗ 3 Sp		CRYSTALLINE ROCK

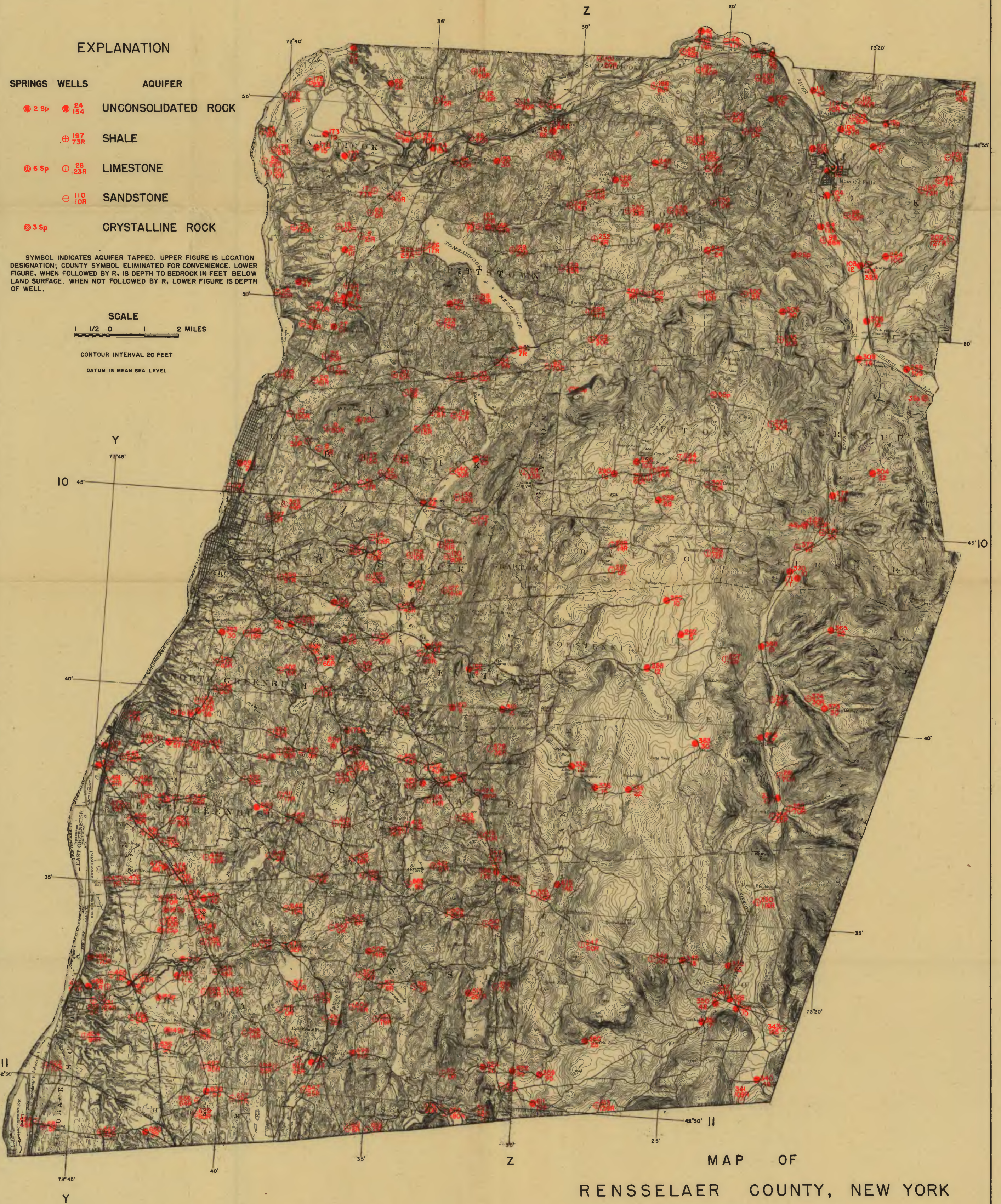
SYMBOL INDICATES AQUIFER TAPPED. UPPER FIGURE IS LOCATION DESIGNATION; COUNTY SYMBOL ELIMINATED FOR CONVENIENCE. LOWER FIGURE, WHEN FOLLOWED BY R, IS DEPTH TO BEDROCK IN FEET BELOW LAND SURFACE. WHEN NOT FOLLOWED BY R, LOWER FIGURE IS DEPTH OF WELL.

## SCALE

1 1/2 0 1 2 MILES

CONTOUR INTERVAL 20 FEET

DATUM IS MEAN SEA LEVEL



MAP OF  
RENSSELAER COUNTY, NEW YORK  
SHOWING LOCATION OF SPRINGS AND WELLS



# GEOLOGIC MAP OF RENSSELAER COUNTY, NEW YORK

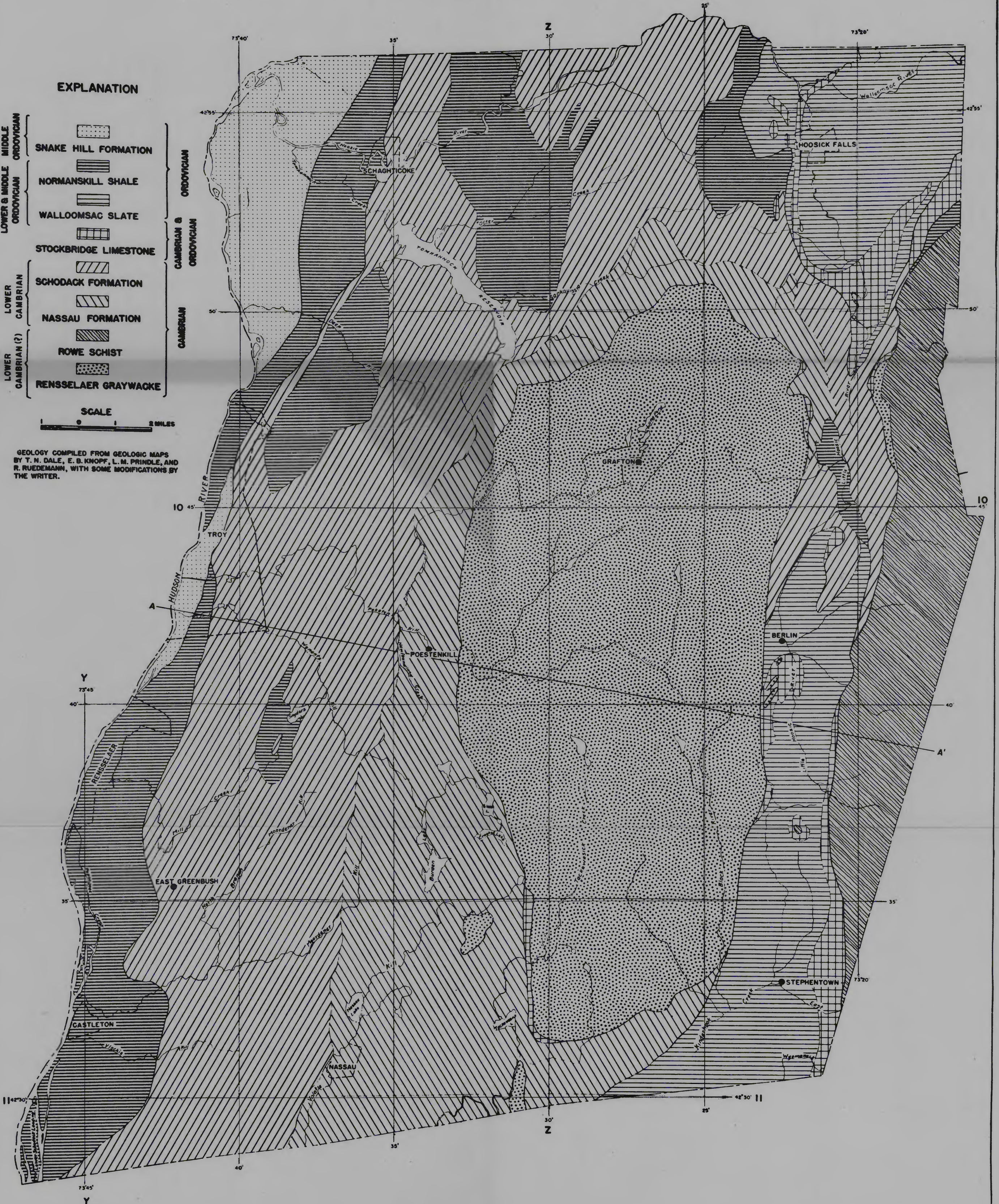
## EXPLANATION

- |                           |  |                       |                       |
|---------------------------|--|-----------------------|-----------------------|
| MIDDLE ORDOVICIAN         |  | SNAKE HILL FORMATION  | ORDOVICIAN            |
|                           |  | NORMANSKILL SHALE     |                       |
|                           |  | WALLOOMSAC SLATE      |                       |
| LOWER & MIDDLE ORDOVICIAN |  | STOCKBRIDGE LIMESTONE | CAMBRIAN & ORDOVICIAN |
|                           |  | SCHODACK FORMATION    |                       |
| LOWER CAMBRIAN            |  | NASSAU FORMATION      | CAMBRIAN              |
|                           |  | ROWE SCHIST           |                       |
| LOWER CAMBRIAN (?)        |  | RENSSELAER GRAYWACKE  |                       |

## SCALE

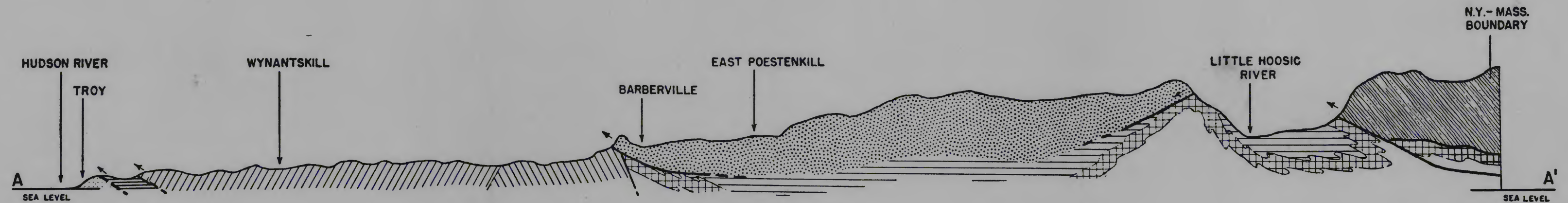
0 1 2 MILES

GEOLOGY COMPILED FROM GEOLOGIC MAPS BY T. N. DALE, E. B. KNOPF, L. M. PRINDLE, AND R. RUEDEMANN, WITH SOME MODIFICATIONS BY THE WRITER.

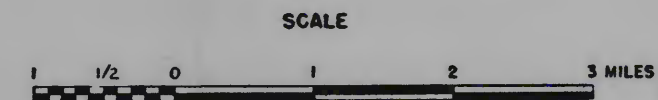
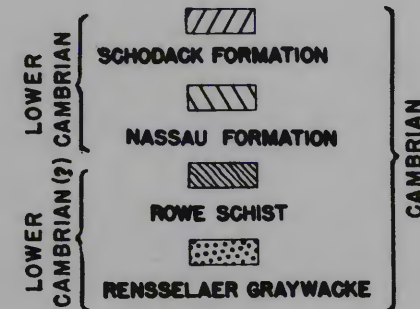
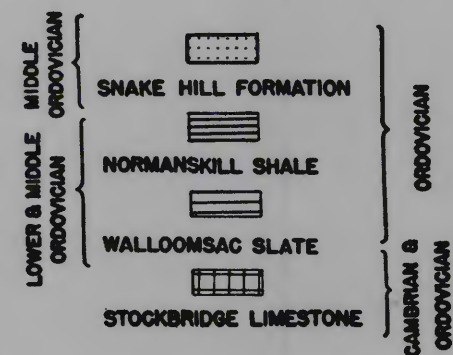




## EAST-WEST GEOLOGIC SECTION ACROSS RENSSELAER COUNTY, NEW YORK



## EXPLANATION



VERTICAL SCALE EXAGGERATED FOUR TIMES